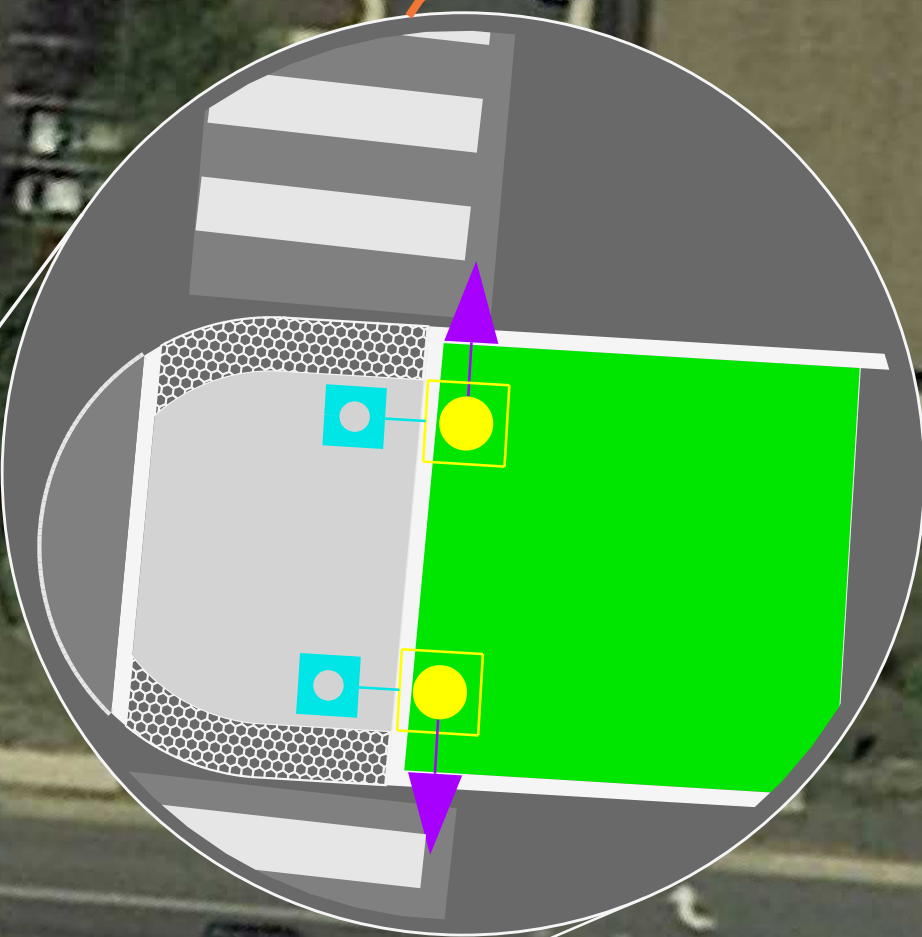


Extend southbound right-turn lane

Two-stage pedestrian crossing on east leg

High-visibility crosswalk on east leg



LEGEND

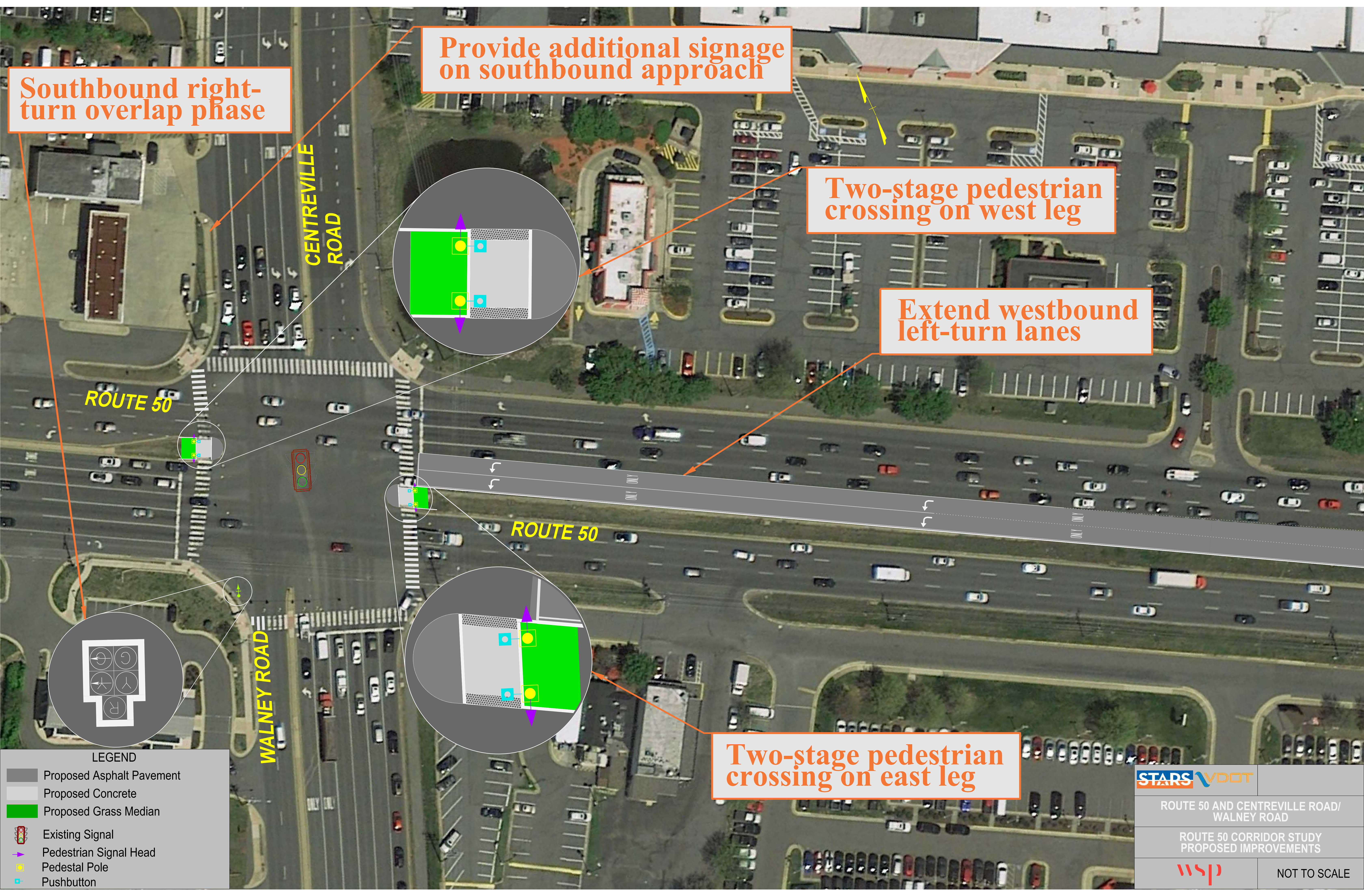
- Proposed Asphalt Pavement
- Proposed Concrete
- Proposed Grass Median
- Existing Signal
- Pedestrian Signal Head
- Pedestal Pole
- Pushbutton

ROUTE 50 AND CENTERVIEW DRIVE/  
SULLYFIELD CIRCLE

ROUTE 50 CORRIDOR STUDY  
PROPOSED IMPROVEMENTS

NOT TO SCALE





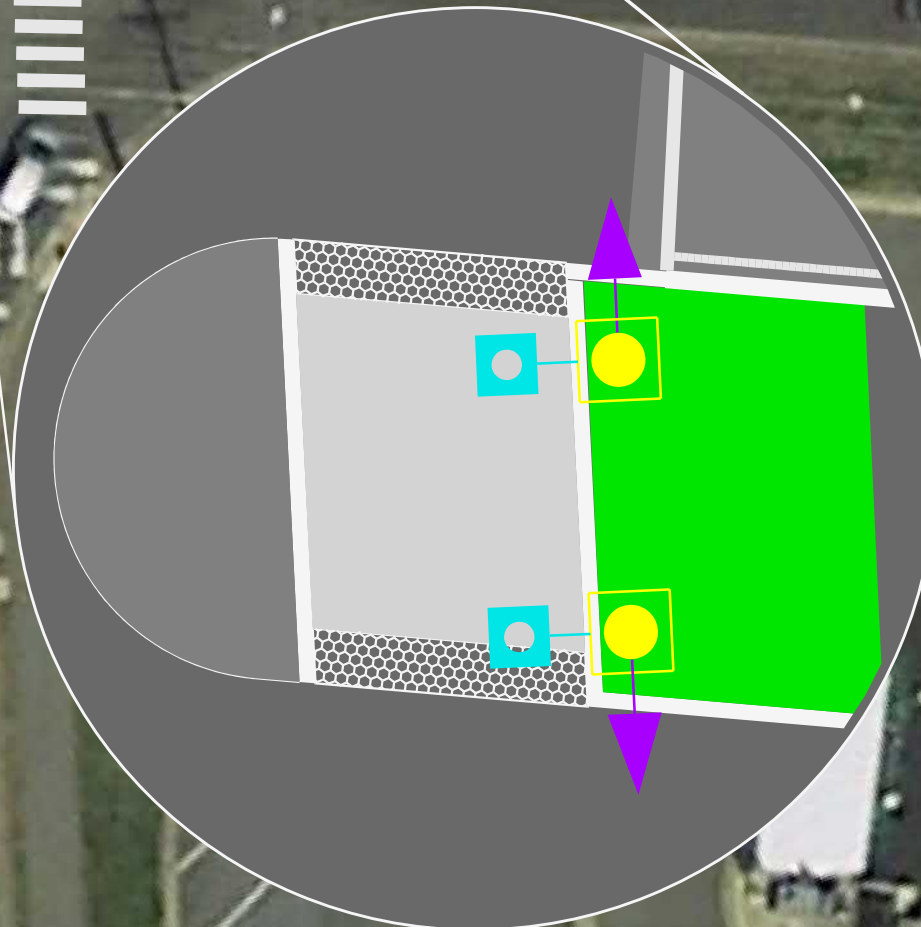
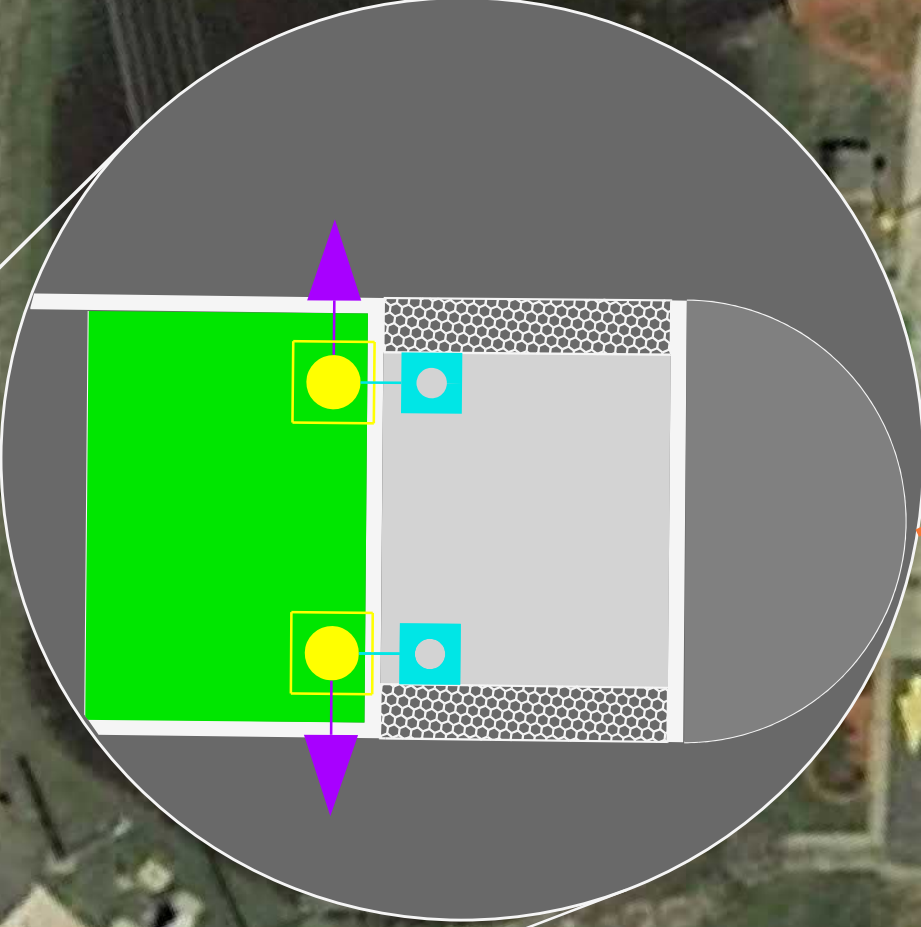
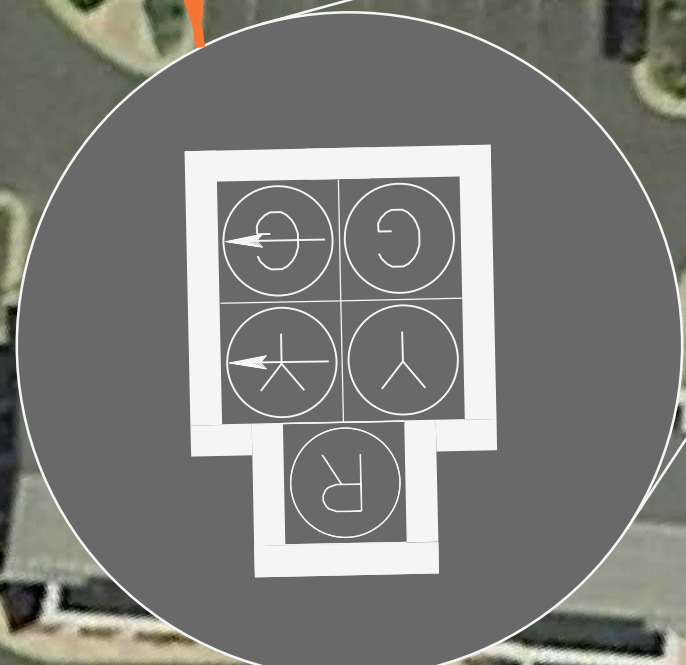
Southbound right-turn overlap phase

Provide additional signage on southbound approach

Two-stage pedestrian crossing on west leg

Extend westbound left-turn lanes

Two-stage pedestrian crossing on east leg



LEGEND

- Proposed Asphalt Pavement
- Proposed Concrete
- Proposed Grass Median
- Existing Signal
- Pedestrian Signal Head
- Pedestal Pole
- Pushbutton

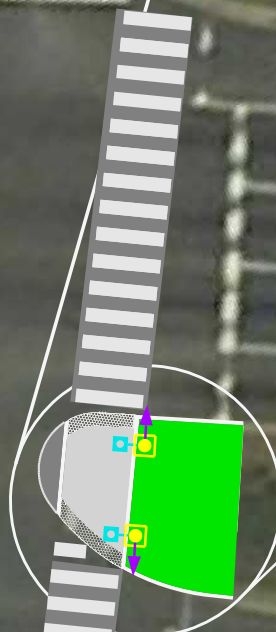
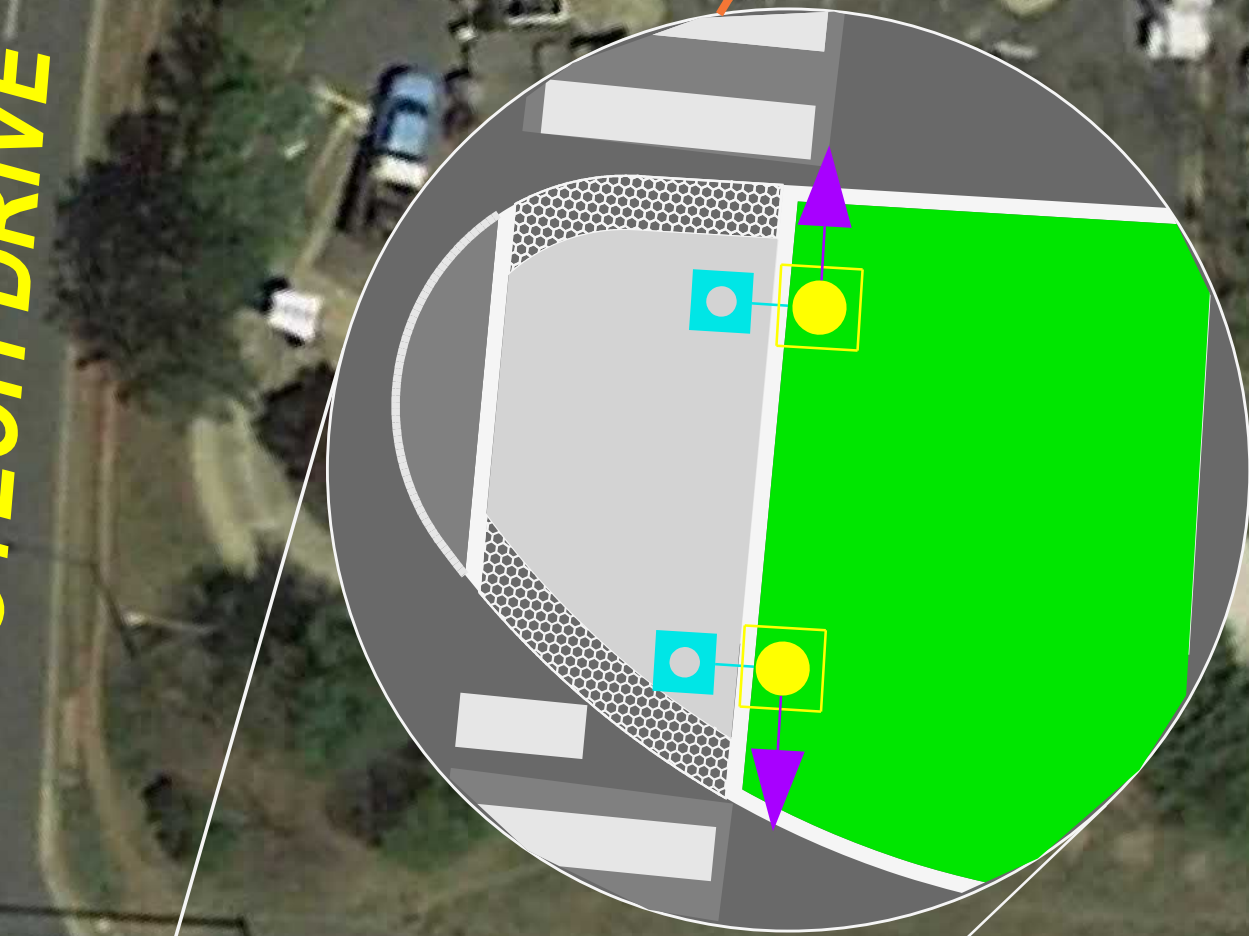




Extend southbound right-turn lane

Extend westbound left-turn lanes

Two-stage pedestrian crossing on east leg



ROUTE 50

ROUTE 50

ELMWOOD STREET

METROTECH DRIVE

LEGEND

- Proposed Asphalt Pavement
- Proposed Concrete
- Proposed Grass Median
- Existing Signal
- Pedestrian Signal Head
- Pedestal Pole
- Pushbutton

High-visibility crosswalk on east leg

STARS VDOT

ROUTE 50 AND METROTECH DRIVE/  
ELMWOOD STREET

ROUTE 50 CORRIDOR STUDY  
PROPOSED IMPROVEMENTS

wsp

NOT TO SCALE





Two-stage pedestrian crossing on west leg

High-visibility crosswalk on west leg

CHANTILLY ROAD

ROUTE 50

ROUTE 50

CHANTILLY ROAD

LEGEND

Proposed Asphalt Pavement

Proposed Concrete

Proposed Grass Median

Existing Signal

Pedestrian Signal Head

Pedestal Pole

Pushbutton



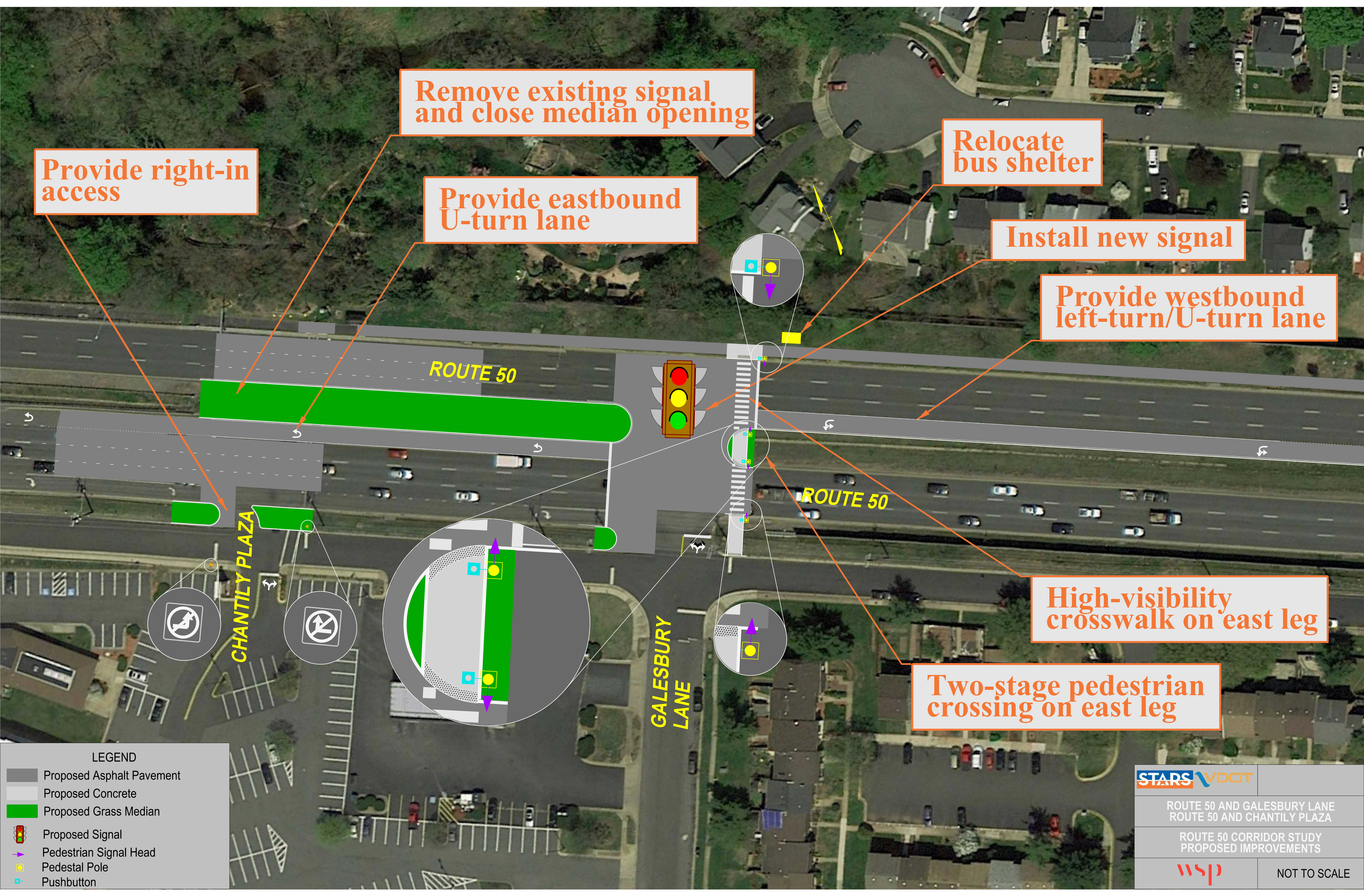
ROUTE 50 AND CHANTILLY ROAD

ROUTE 50 CORRIDOR STUDY  
PROPOSED IMPROVEMENTS



NOT TO SCALE





Remove existing signal  
and close median opening

Provide right-in  
access

Provide eastbound  
U-turn lane

Relocate  
bus shelter

Install new signal

Provide westbound  
left-turn/U-turn lane

High-visibility  
crosswalk on east leg

Two-stage pedestrian  
crossing on east leg

LEGEND

- Proposed Asphalt Pavement
- Proposed Concrete
- Proposed Grass Median
- Proposed Signal
- Pedestrian Signal Head
- Pedestal Pole
- Pushbutton



ROUTE 50 AND GALESBURY LANE  
ROUTE 50 AND CHANTILLY PLAZA

ROUTE 50 CORRIDOR STUDY  
PROPOSED IMPROVEMENTS

wsp NOT TO SCALE



Provide sidewalk connection to Galesbury Lane

Provide southbound right-turn lane

Relocate the signal pole and mast arm in the northeast quadrant

Restrict westbound left-turns and reroute left-turns to Galesbury Lane

High-visibility crosswalk on east leg

Two-stage pedestrian crossing on east leg

LEGEND

- Proposed Asphalt Pavement
- Proposed Concrete
- Proposed Grass Median
- Existing Signal
- Pedestrian Signal Head
- Pedestal Pole
- Pushbutton

STARS VDOT

ROUTE 50 AND LEES CORNER ROAD

ROUTE 50 CORRIDOR STUDY  
PROPOSED IMPROVEMENTS

wsp

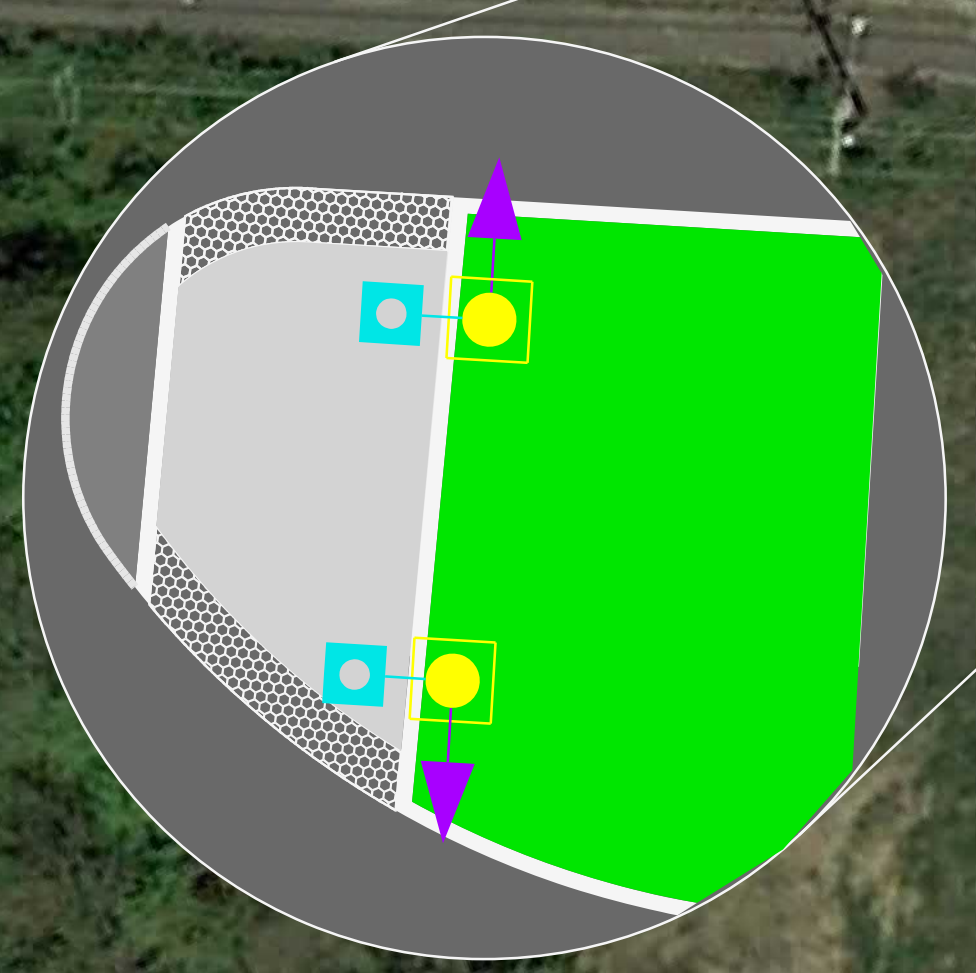
NOT TO SCALE



Restrict eastbound left-turns and reroute left-turns to Plaza Lane

Extend westbound left-turn lanes

Two-stage pedestrian crossing on east leg



**LEGEND**

- Proposed Asphalt Pavement
- Proposed Concrete
- Proposed Grass Median
- Existing Signal
- Pedestrian Signal Head
- Pedestal Pole
- Pushbutton

ROUTE 50 AND STRINGFELLOW ROAD

ROUTE 50 CORRIDOR STUDY  
PROPOSED IMPROVEMENTS

NOT TO SCALE